

WHAT IS CLAIMED IS:

1. A printing apparatus capable of printing an image on printing media of a plurality of types by selectively 5 using printing materials of a plurality of types, comprising:

a discrimination portion for discriminating the type of said printing material used for printing of an image;

10 a storage portion for storing information on applicability between different types of said printing materials and different types of said printing media; and a collation portion for collating the type of said printing material discriminated by said discrimination portion with information stored in said storage portion.

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2. A printing apparatus according to claim 1, further comprising:

20 an input portion for allowing an input to be made of the type of said printing medium used for printing of an image, wherein

25 said collation portion collates a combination of the type of said printing medium input through said input portion and the type of said printing material discriminated by said discrimination portion with information on applicability stored in said storage portion.

3. A printing apparatus according to claim 2, further

comprising:

a medium feeding portion for allowing said printing medium to be loaded therein, wherein

5 said input portion allows the type of said printing medium loaded in said medium feeding portion to be input.

4. A printing apparatus according to claim 1, further comprising:

10 a selector portion for allowing the type of said printing medium used for printing of an image to be selected, wherein
said collation portion collates a combination of the type of said printing medium selected with said selector portion and the type of said printing material discriminated by said discrimination portion with information on
15 applicability stored in said storage portion.

5. A printing apparatus according to claim 4, further comprising:

20 a medium feeding portion for allowing said printing medium to be loaded therein, wherein
said selector portion allows the type of said printing medium loaded in said medium feeding portion to be selected.

25 6. A printing apparatus according to claim 1, further comprising:

a display portion for displaying the type of said printing medium that can be used for printing of an image.

7. A printing apparatus according to claim 1, wherein
said collation portion causes the display portion to
display the type of said printing medium having an
5 applicability relation with the type of said printing
material discriminated by said discrimination portion.

8. A printing apparatus according to claim 1, wherein
said collation portion causes the display portion to
10 display only the type of said printing medium having an
applicability relation with the type of said printing
material discriminated by said discrimination portion and
not to display the type of said printing medium having no
applicability relation with the type of said printing
15 material discriminated by said discrimination portion.

9. A printing apparatus according to claim 2, wherein
said collation portion issues a warning when there is
no applicability relation between the type of said printing
20 material discriminated by the discrimination portion and
the type of said printing medium input through said input
portion.

10. A printing apparatus according to claim 1, wherein
25 said printing material that can be used for printing
of an image includes a pigment ink and a dye ink.

11. An information processing apparatus connected to a printing apparatus capable of printing an image on printing media of a plurality of types by selectively using printing materials of a plurality of types, comprising:

5 an input portion for allowing an input to be made of the type of said printing medium used by said printing apparatus;

a storage portion for storing information on applicability between different types of said printing
10 materials and different types of said printing media; and
a collation portion for collating the type of said printing material input from said input portion with information stored in said storage portion.

15 12. An information processing apparatus according to claim 11, further comprising:

a selector portion for allowing the type of said printing medium used by said printing apparatus to be selected, wherein

20 said collation portion collates a combination of the type of said printing medium selected with said selector portion and the type of said printing material input from said input portion with information on applicability stored in said storage portion.

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13. An information processing apparatus according to claim 11, further comprising:

a display portion for displaying the type of said printing medium that can be used in said printing apparatus.

14. An information processing apparatus according to
5 claim 11, wherein

said collation portion causes the display portion to display the type of said printing medium having an applicability relation with the type of said printing material input from said input portion.

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15. An information processing apparatus according to
claim 11, wherein

said collation portion causes the display portion to display only the type of said printing medium having an 15 applicability relation with the type of said printing material input from said input portion and not to display the type of said printing medium having no applicability relation with the type of said printing material input from said input portion.

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16. A printing system including a printing apparatus capable of printing an image on printing media of a plurality of types by selectively using printing materials of a plurality of types and an information processing apparatus 25 connected to said printing apparatus, comprising:

a discrimination portion for discriminating the type of said printing material used by said printing apparatus;

a storage portion for storing information on applicability between different types of said printing materials and different types of said printing media; and
5 a collation portion for collating the type of said printing material discriminated by said discrimination portion with information stored in said storage portion.

17. A method for selecting a printing medium from among a plurality of types of printing media, on which an image
10 is printed, when printing the image by selectively using printing materials of a plurality of types, comprising the steps of:

discriminating the type of said printing material used for printing; and
15 displaying, as reference information for selecting said printing medium, on which the image is printed, the type of said printing medium that is adaptable at least to said type of said printing material discriminated.

20 18. A method for selecting a printing medium according to claim 17, wherein

a warning is issued when a type of said printing medium not adaptable to said type of said printing material discriminated is selected as said printing medium, on which
25 the image is printed.

19. A method for selecting a printing medium according

to claim 17, wherein

only said printing medium adaptable to said type of said printing material discriminated is displayed, while said printing medium not adaptable to said type of said 5 printing material discriminated is not displayed.

20. A method for selecting a printing medium according to claim 17, wherein

said printing materials used for printing include a 10 pigment ink and a dye ink.

21. A program for selecting a printing medium from among a plurality of types of printing media, on which an image is printed, when printing the image by selectively using 15 printing materials of a plurality of types, comprising the processes executed by a computer of:

discriminating the type of said printing material used for printing; and

20 displaying, as reference information for selecting said printing medium, on which the image is printed, the type of said printing medium that is adaptable at least to said type of said printing material discriminated.

22. A program according to claim 21, wherein the computer 25 is made to execute a process of issuing a warning when a type of said printing medium not adaptable to said type of said printing material discriminated is selected as said

printing medium, on which the image is printed.

23. A program according to claim 21, wherein the computer is made to execute a process of displaying only the type 5 of said printing medium adaptable to said type of said printing material discriminated, while not displaying the type of said printing medium not adaptable to said type of said printing material discriminated.

10 24. A computer-readable storage medium storing the program according to claim 21.

25. A method for printing an image on printing media of a plurality of types by selectively using printing 15 materials of a plurality of types, comprising the steps of:

discriminating the type of said printing material used for printing;

20 displaying, as reference information for selecting said printing medium, on which the image is printed, the type of said printing medium that is adaptable at least to said type of said printing material discriminated;

selecting one printing medium from among the plurality 25 of said printing media displayed by said displaying process; and

effecting printing on said printing medium selected using said printing material discriminated.